

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092315\
 Data File : VD046852.D
 Acq On : 23 Sep 2015 13:51
 Operator : FY/SY
 Sample : G3748-01
 Misc : 9.02gm/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

Quant Time: Sep 24 10:06:10 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	165920	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	227388	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.56	117	199351	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.90	152	102487	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.70	65	87449	50.69	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.38%	
35) Dibromofluoromethane	6.20	113	88454	49.72	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	99.44%	
50) Toluene-d8	9.61	98	244758	43.61	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	12.84	95	102515	45.36	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	90.72%	

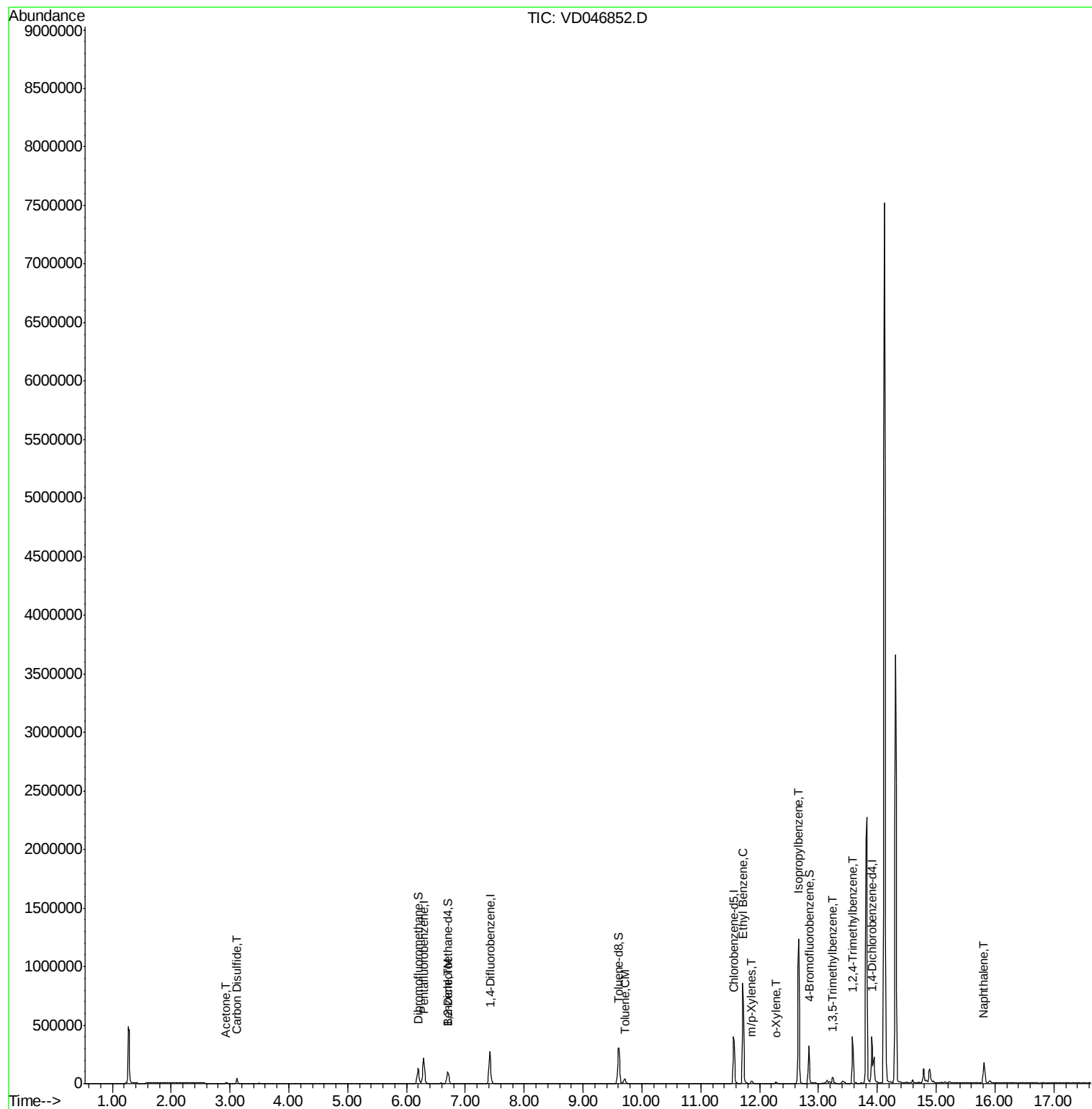
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	2.93	43	11860	40.69	ug/l	92
18) Carbon Disulfide	3.12	76	52896	10.62	ug/l	98
40) Benzene	6.70	78	7780	1.15	ug/l	98
52) Toluene	9.71	92	20254	4.84	ug/l	97
67) Ethyl Benzene	11.72	91	608296	72.16	ug/l	99
68) m/p-Xylenes	11.86	106	5341	2.01	ug/l	95
69) o-Xylene	12.28	106	3133	1.31	ug/l	95
73) Isopropylbenzene	12.66	105	721412	99.85	ug/l	97
80) 1,3,5-Trimethylbenzene	13.24	105	29069	5.05	ug/l	97
84) 1,2,4-Trimethylbenzene	13.58	105	197840	34.14	ug/l	94
95) Naphthalene	15.82	128	159510	72.38	ug/l	99

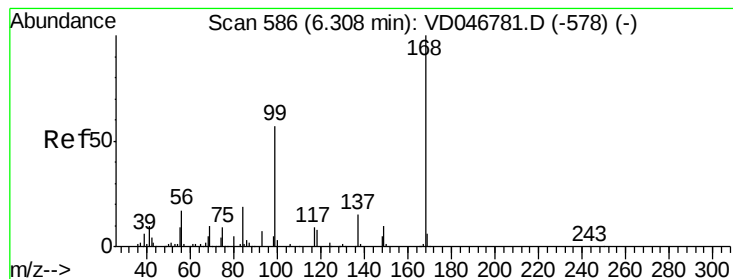
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.29 min Scan# 585

Delta R.T. -0.01 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

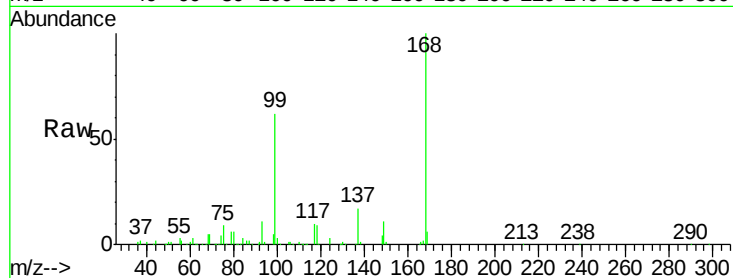
MGP202-30-32

Tot Ion:168 Resp: 165920

Ion Ratio Lower Upper

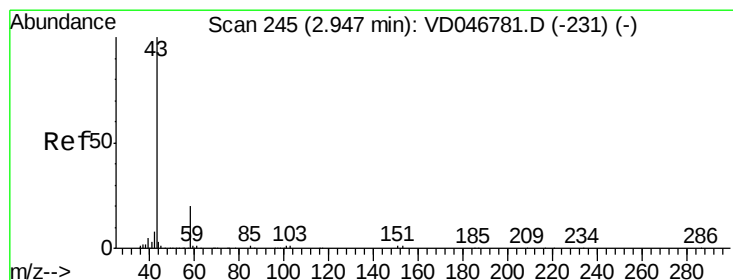
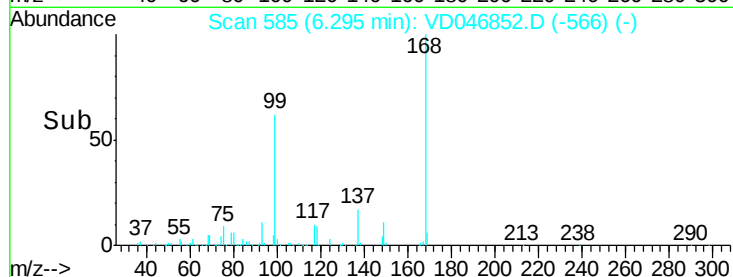
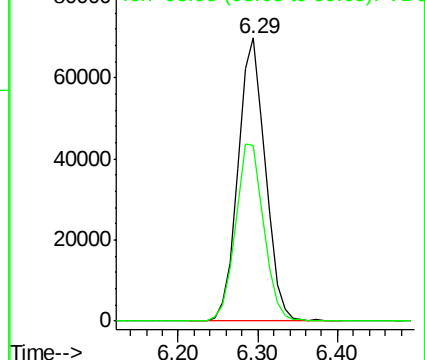
168 100

99 62.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#17

Acetone

Concen: 40.69 ug/l

RT: 2.93 min Scan# 244

Delta R.T. -0.01 min

Lab File: VD046852.D

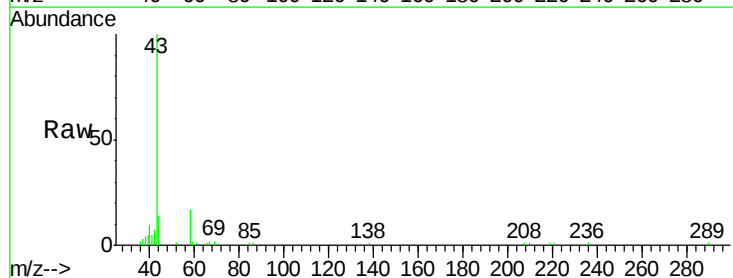
Acq: 23 Sep 2015 13:51

Tgt Ion: 43 Resp: 11860

Ion Ratio Lower Upper

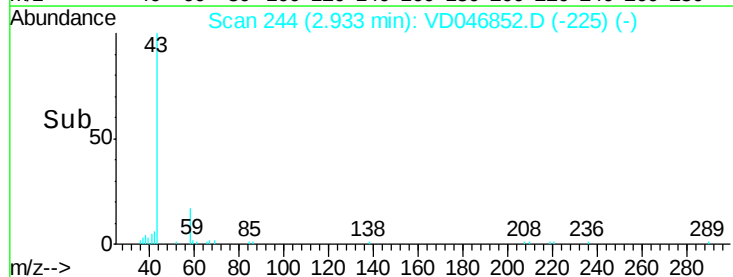
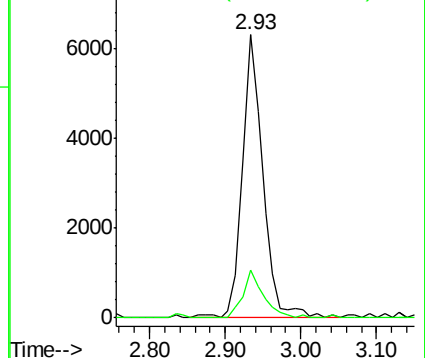
43 100

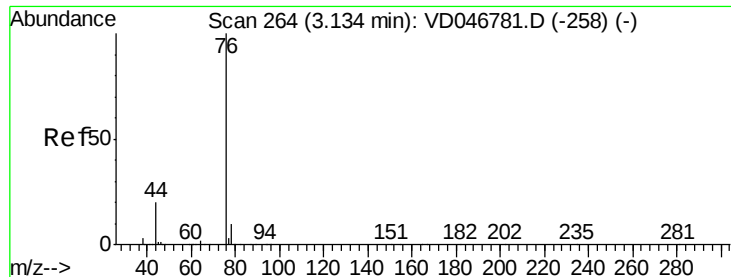
58 16.9 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

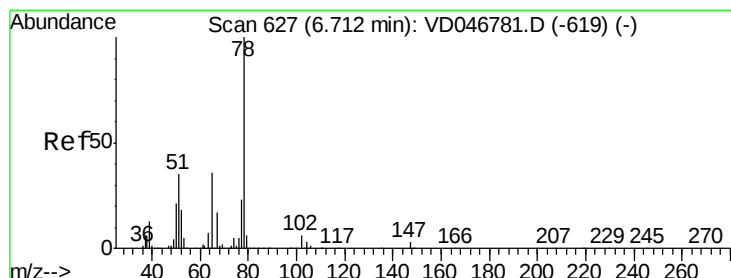
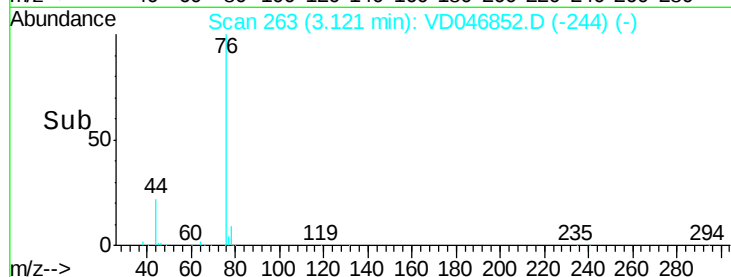
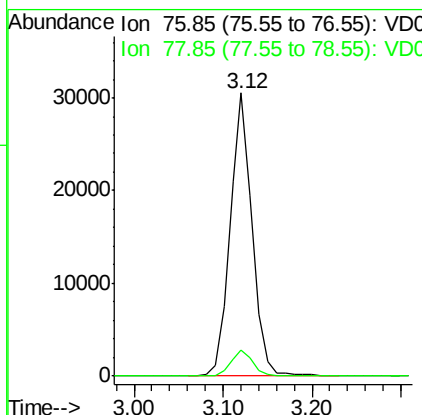
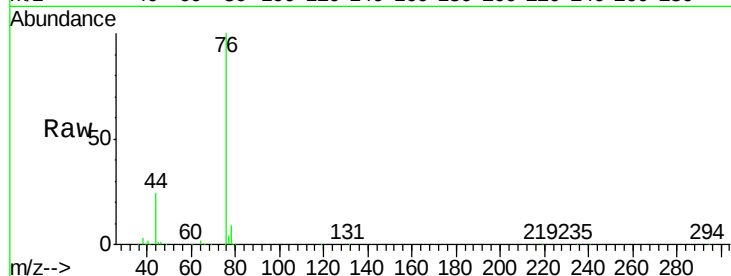




#18
Carbon Disulfide
Concen: 10.62 ug/l
RT: 3.12 min Scan# 263
Delta R.T. -0.01 min
Lab File: VD046852.D
Acq: 23 Sep 2015 13:51

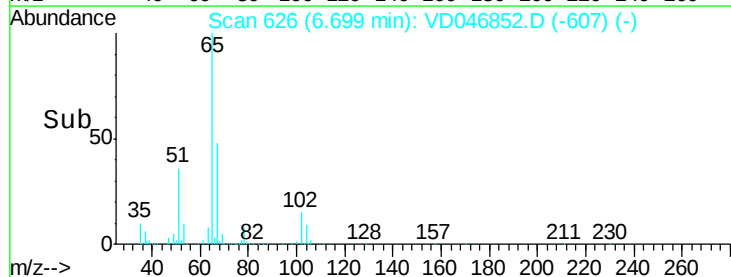
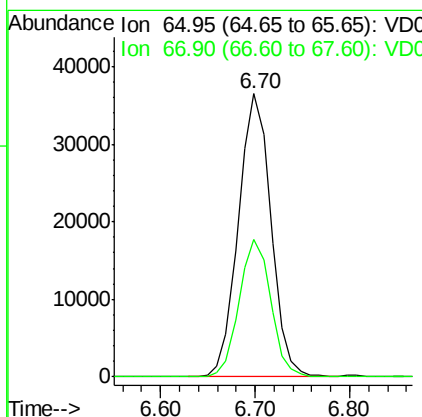
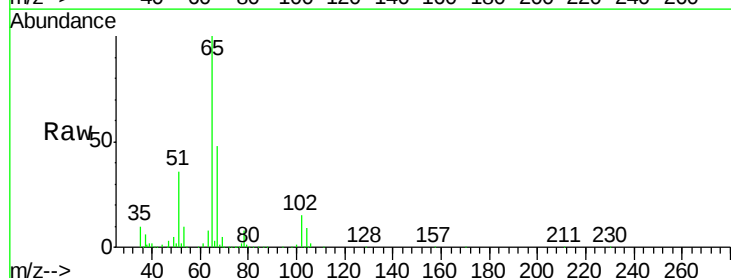
Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

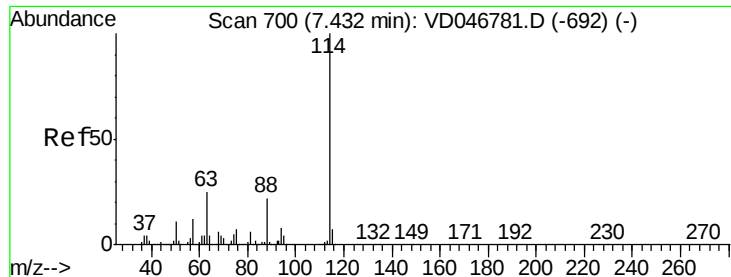
Tot Ion: 76 Resp: 52896
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.01 min
Lab File: VD046852.D
Acq: 23 Sep 2015 13:51

Tgt Ion: 65 Resp: 87449
Ion Ratio Lower Upper
65 100
67 48.4 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 699

Delta R.T. -0.01 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

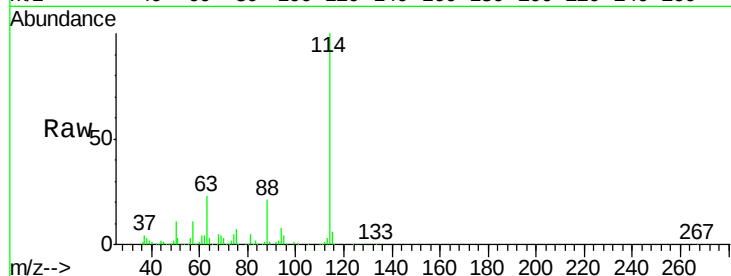
Tot Ion:114 Resp: 227388

Ion Ratio Lower Upper

114 100

63 22.6 0.0 49.8

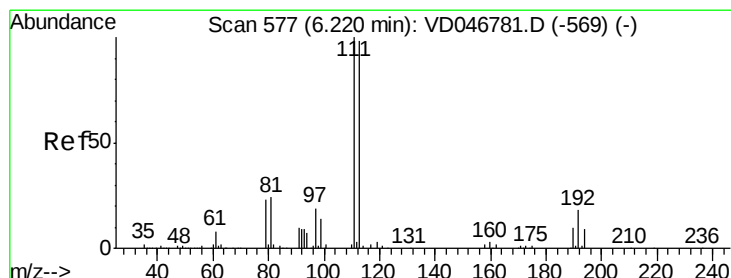
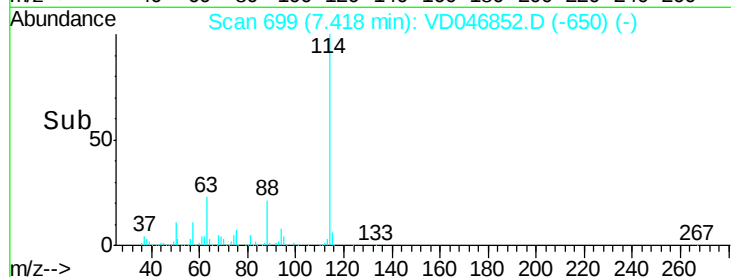
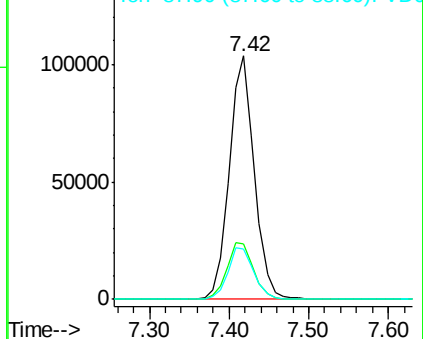
88 20.8 0.0 43.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.20 min Scan# 575

Delta R.T. -0.02 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

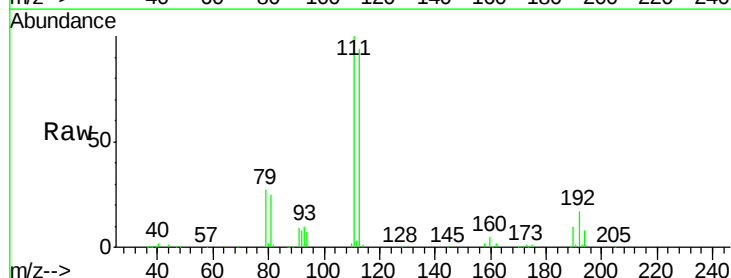
Tgt Ion:113 Resp: 88454

Ion Ratio Lower Upper

113 100

111 106.5 79.4 119.0

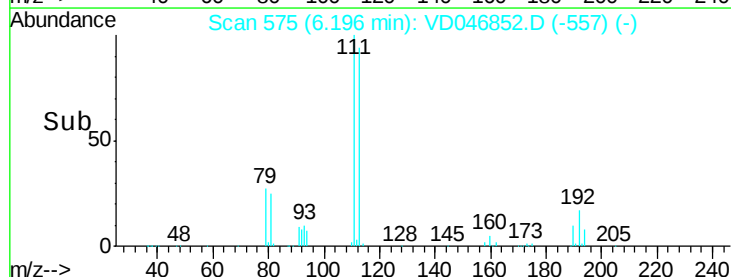
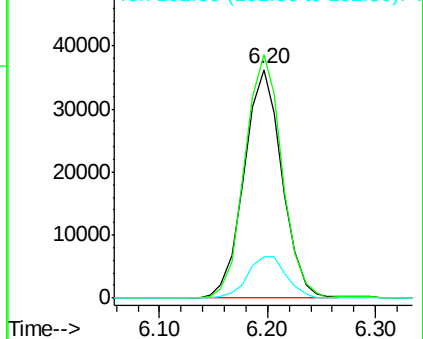
192 18.1 14.6 22.0

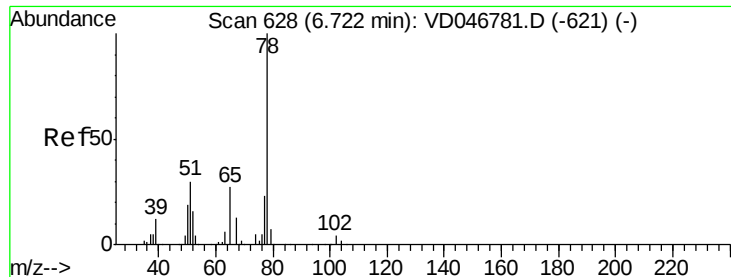


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 1.15 ug/l

RT: 6.70 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

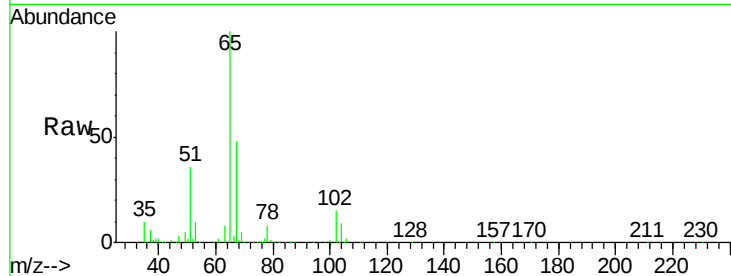
MGP202-30-32

Tot Ion: 78 Resp: 7780

Ion Ratio Lower Upper

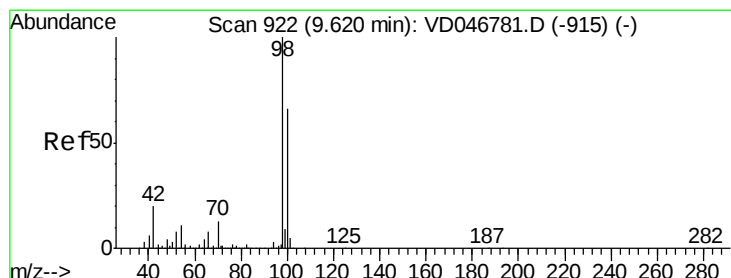
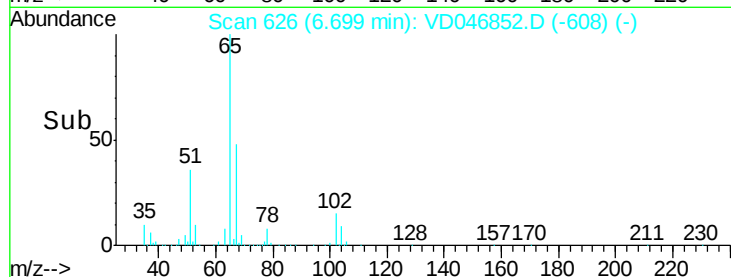
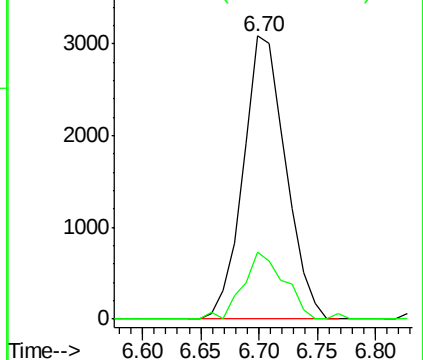
78 100

77 23.8 19.9 29.9



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD046852.D

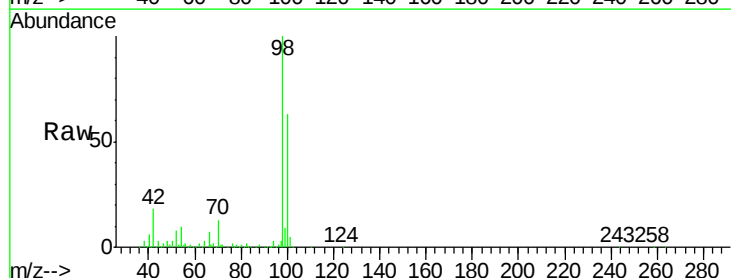
Acq: 23 Sep 2015 13:51

Tgt Ion: 98 Resp: 244758

Ion Ratio Lower Upper

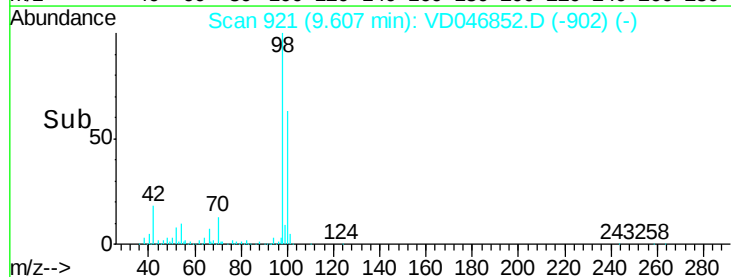
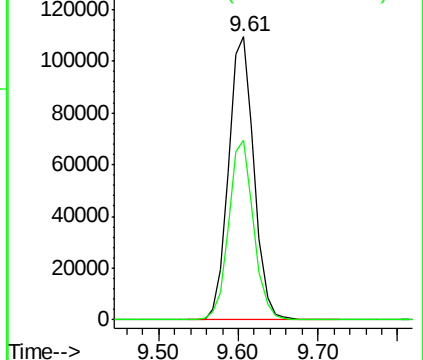
98 100

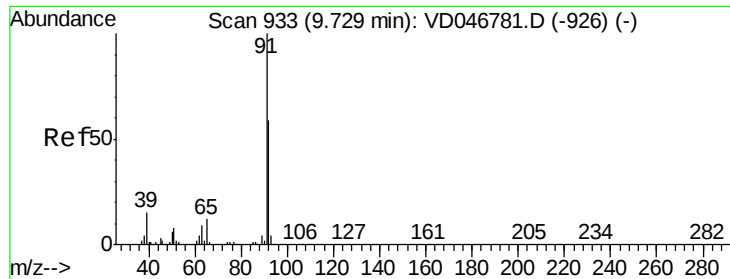
100 63.4 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 4.84 ug/l

RT: 9.71 min Scan# 931

Delta R.T. -0.02 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

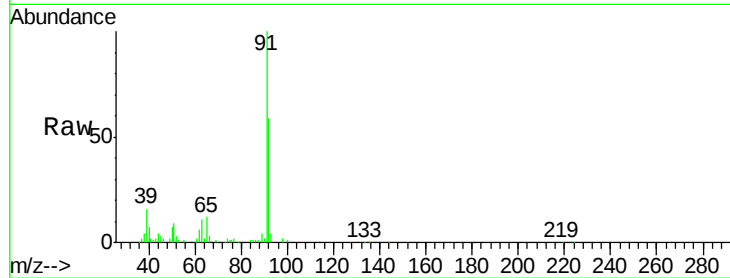
MGP202-30-32

Tot Ion: 92 Resp: 20254

Ion Ratio Lower Upper

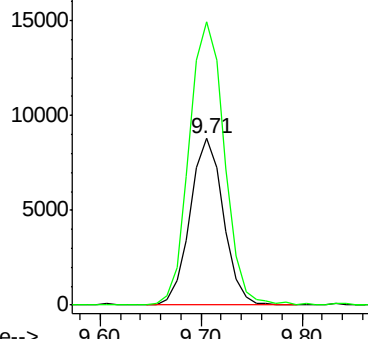
92 100

91 170.1 139.4 209.0

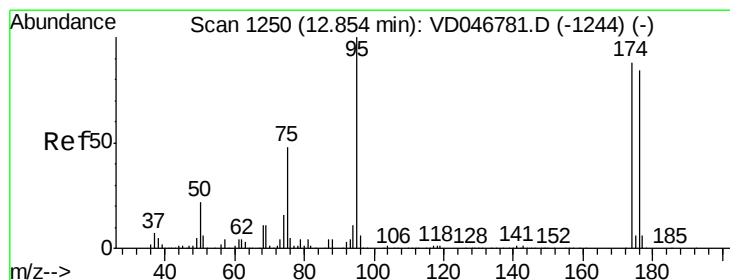
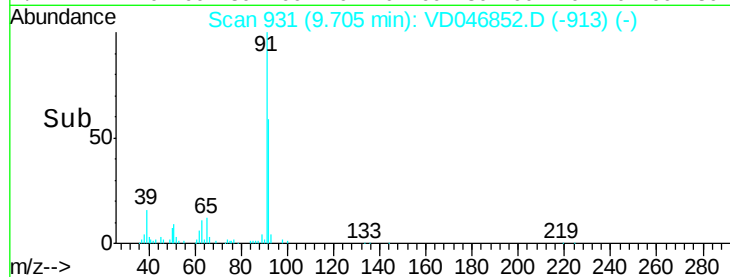


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.84 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

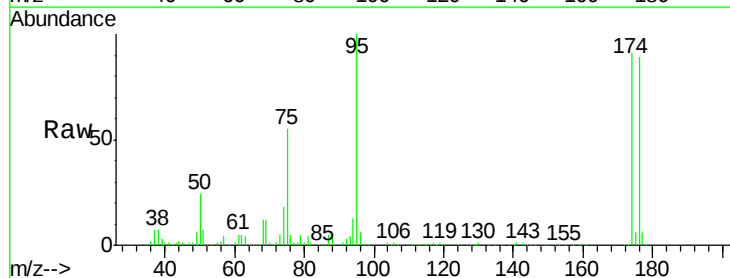
Tgt Ion: 95 Resp: 102515

Ion Ratio Lower Upper

95 100

174 91.2 0.0 149.8

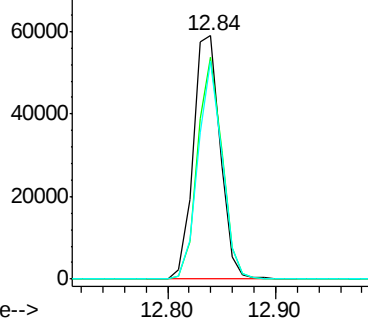
176 89.4 0.0 143.4



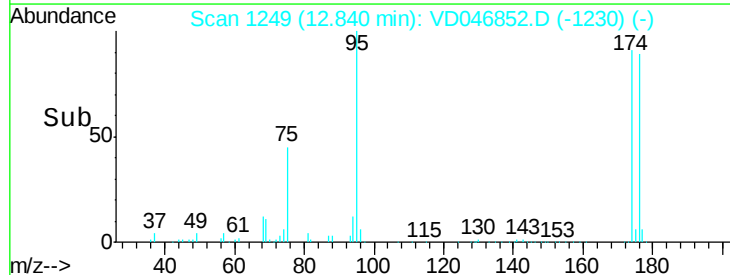
Abundance Ion 95.00 (94.70 to 95.70): VDC

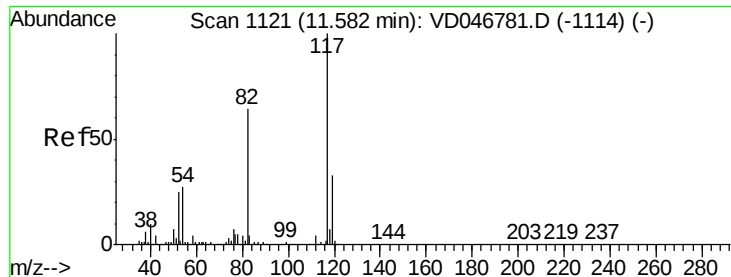
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.56 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

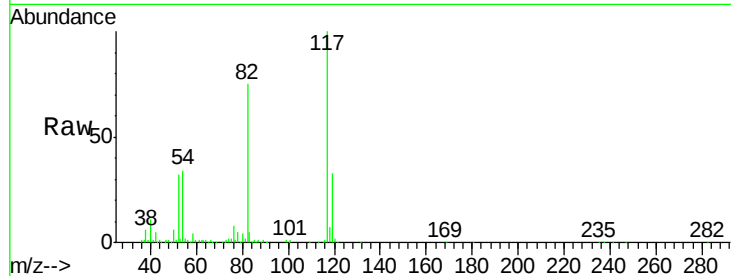
Tot Ion:117 Resp: 199351

Ion Ratio Lower Upper

117 100

82 75.0 50.6 75.8

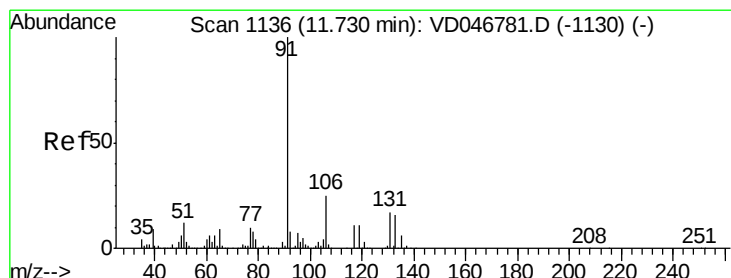
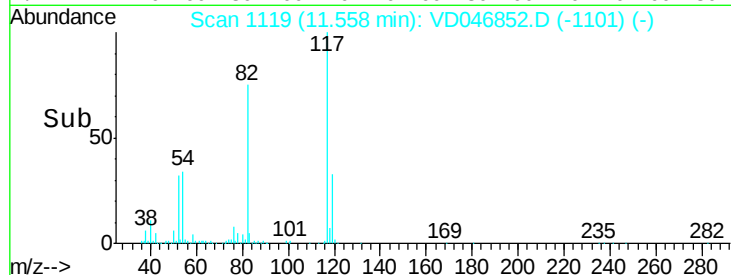
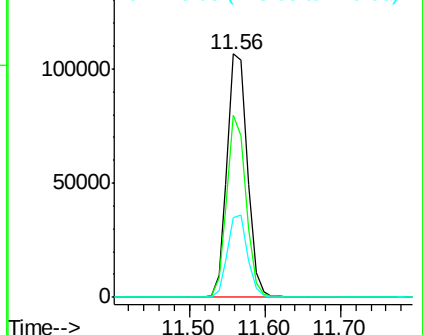
119 32.6 25.8 38.8



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#67

Ethyl Benzene

Concen: 72.16 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. -0.01 min

Lab File: VD046852.D

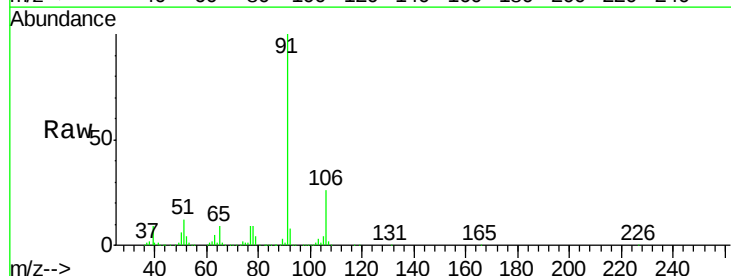
Acq: 23 Sep 2015 13:51

Tgt Ion: 91 Resp: 608296

Ion Ratio Lower Upper

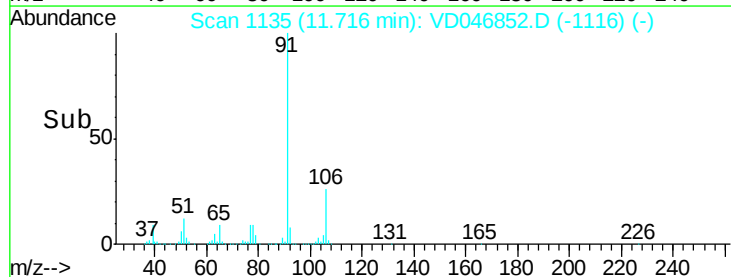
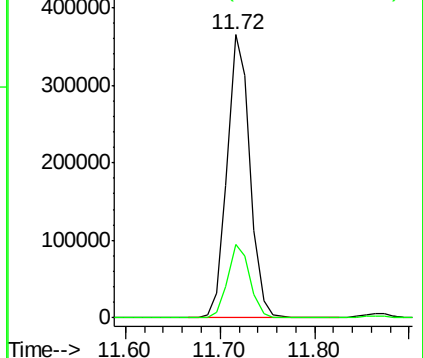
91 100

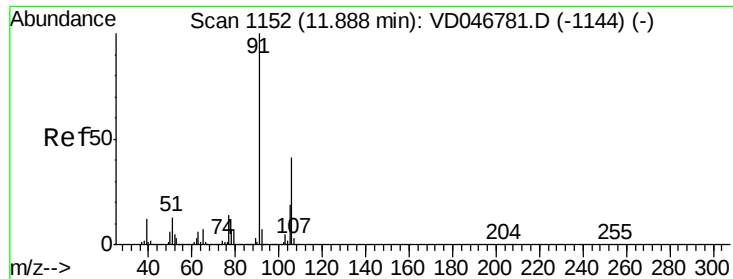
106 25.9 20.2 30.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V





#68

m/p-Xylenes

Concen: 2.01 ug/l

RT: 11.86 min Scan# 1150

Delta R.T. -0.02 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

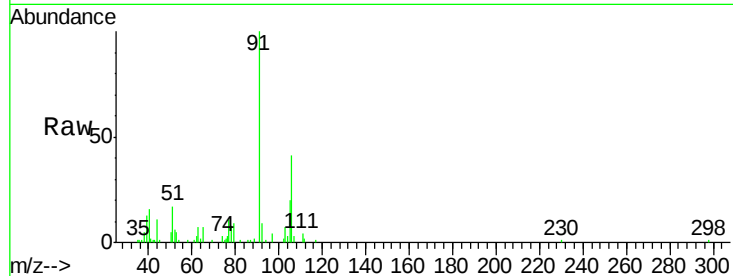
MGP202-30-32

Tot Ion:106 Resp: 5341

Ion Ratio Lower Upper

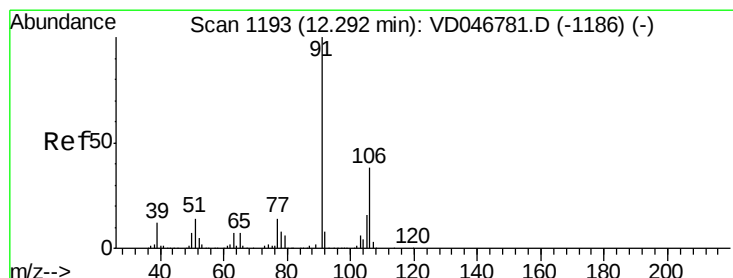
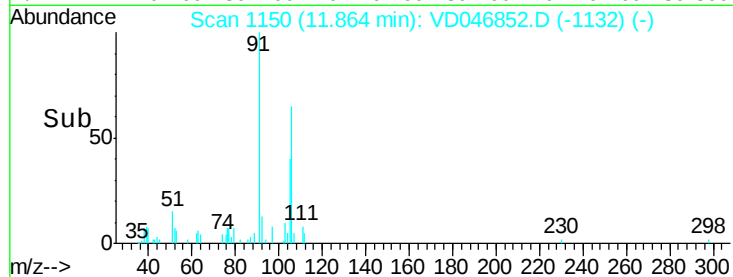
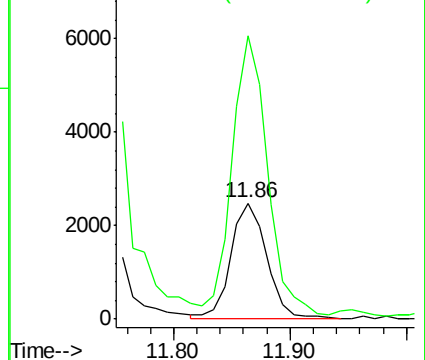
106 100

91 243.9 187.9 281.9



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 1.31 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VD046852.D

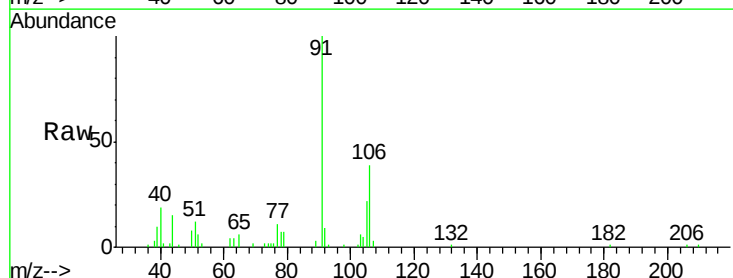
Acq: 23 Sep 2015 13:51

Tgt Ion:106 Resp: 3133

Ion Ratio Lower Upper

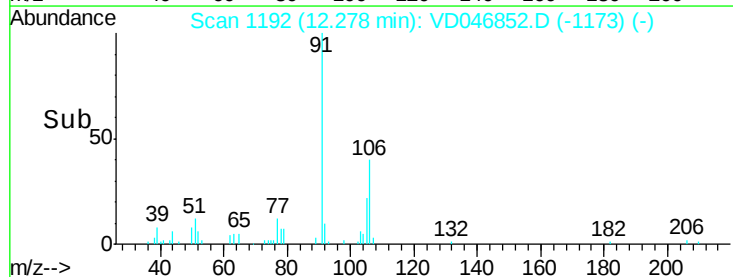
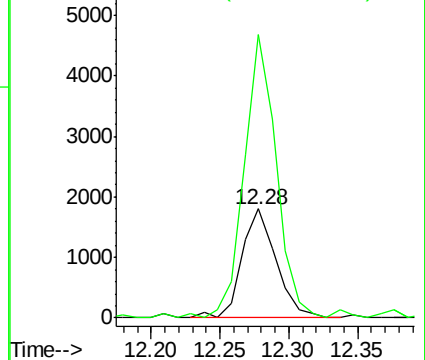
106 100

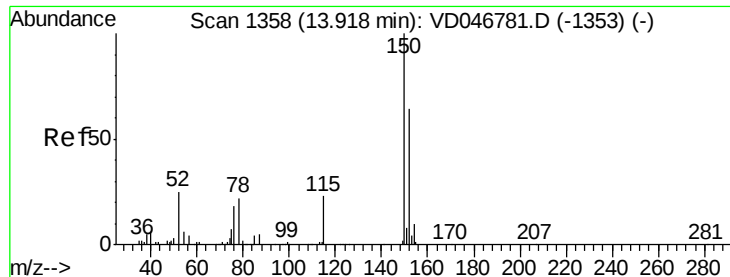
91 259.2 124.8 374.5



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



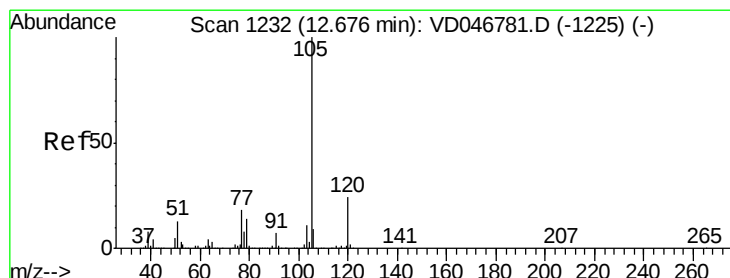
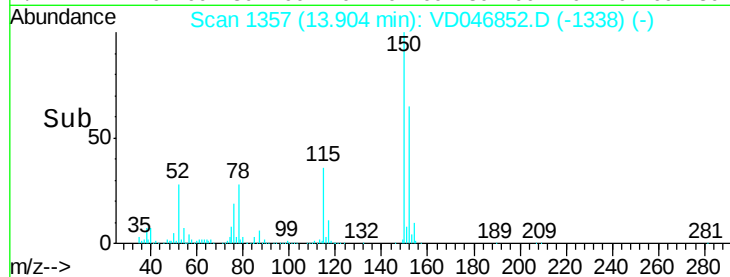
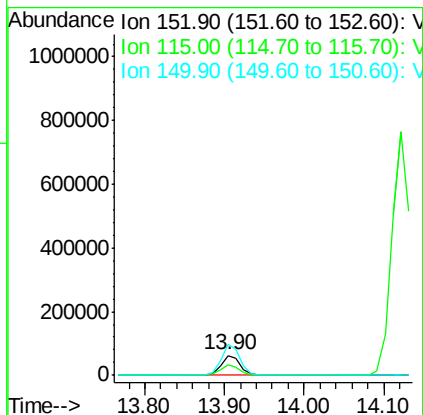
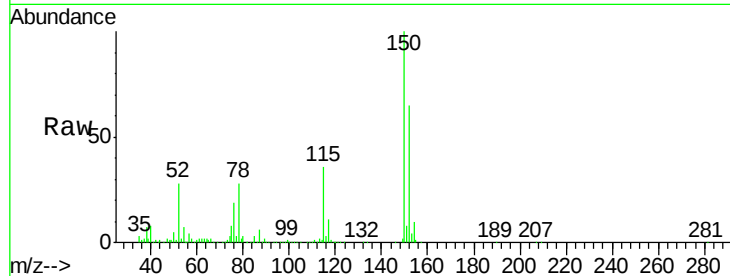


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.90 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046852.D
Acq: 23 Sep 2015 13:51

Instrument :
MSVOA_D
ClientSampleId :
MGP202-30-32

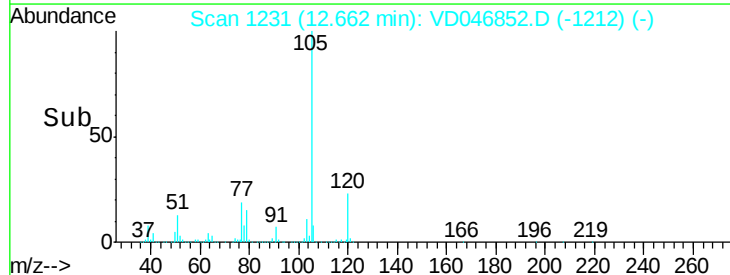
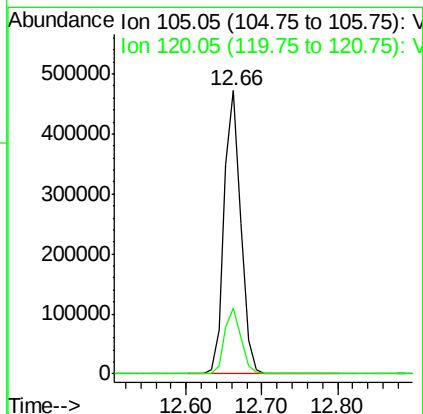
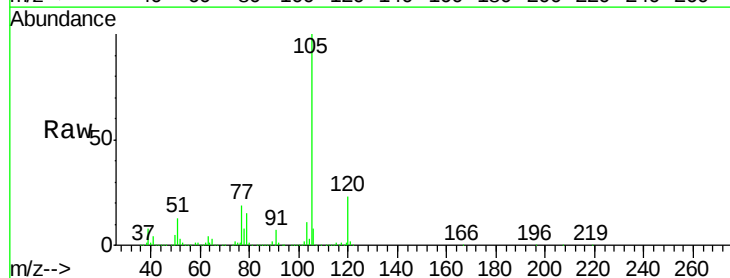
Tot Ion:152 Resp: 102487
Ion Ratio Lower Upper
152 100
115 55.7 26.2 78.6
150 155.0 0.0 311.8

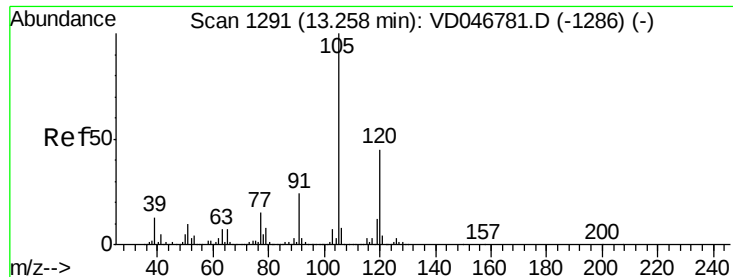


#73

Isopropylbenzene
Concen: 99.85 ug/l
RT: 12.66 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD046852.D
Acq: 23 Sep 2015 13:51

Tgt Ion:105 Resp: 721412
Ion Ratio Lower Upper
105 100
120 23.5 12.4 37.4

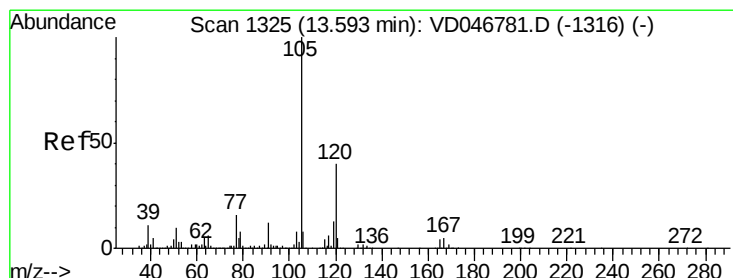
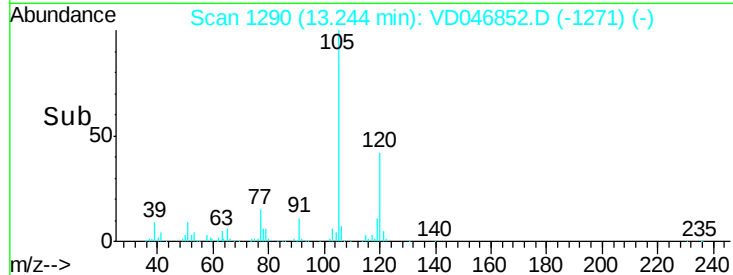
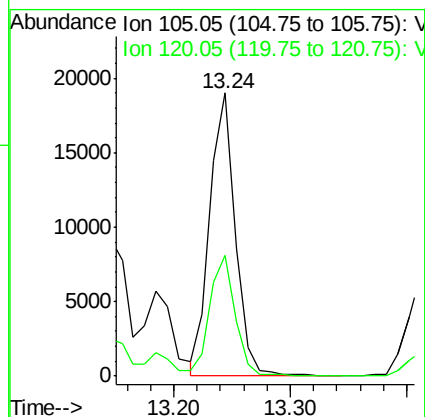
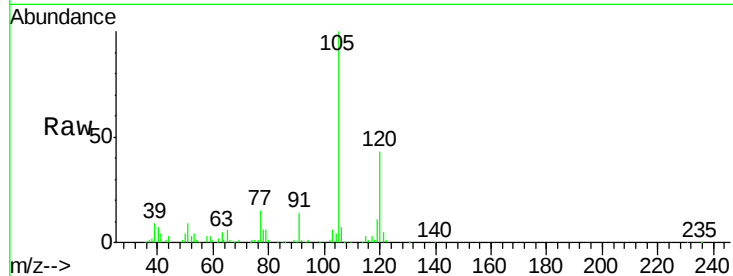




#80
 1,3,5-Trimethylbenzene
 Concen: 5.05 ug/l
 RT: 13.24 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: VD046852.D
 Acq: 23 Sep 2015 13:51

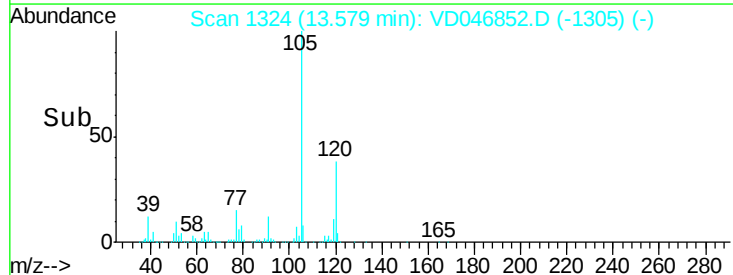
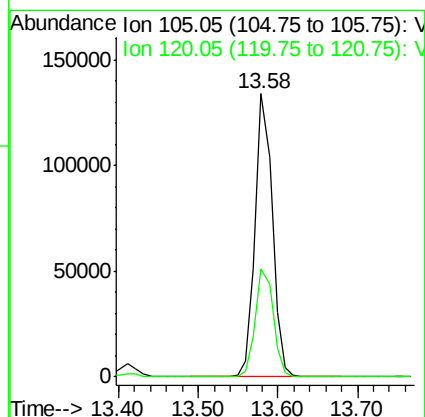
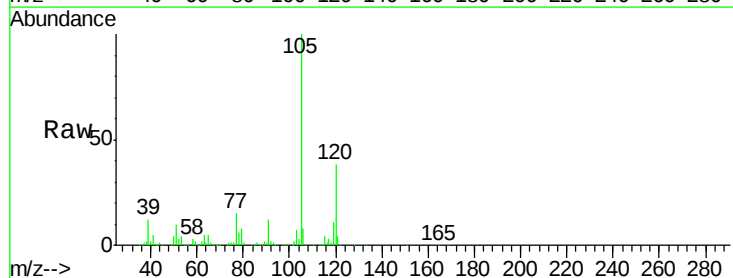
Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

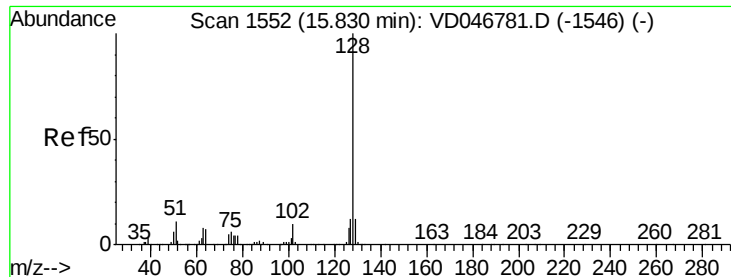
Tot Ion:105 Resp: 29069
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.3 66.8



#84
 1,2,4-Trimethylbenzene
 Concen: 34.14 ug/l
 RT: 13.58 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VD046852.D
 Acq: 23 Sep 2015 13:51

Tgt Ion:105 Resp: 197840
 Ion Ratio Lower Upper
 105 100
 120 38.1 21.1 63.1





#95

Naphthalene

Concen: 72.38 ug/l

RT: 15.82 min Scan# 1551

Delta R.T. -0.01 min

Lab File: VD046852.D

Acq: 23 Sep 2015 13:51

Instrument :

MSVOA_D

ClientSampleId :

MGP202-30-32

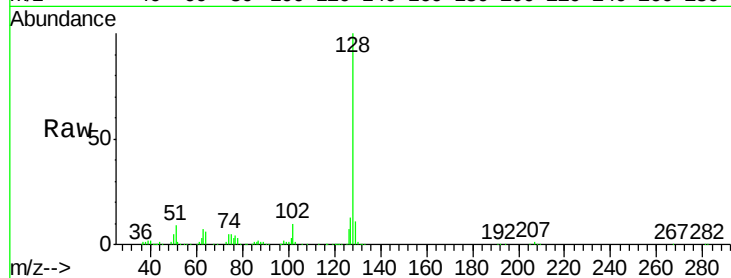
Tot Ion:128 Resp: 159510

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

